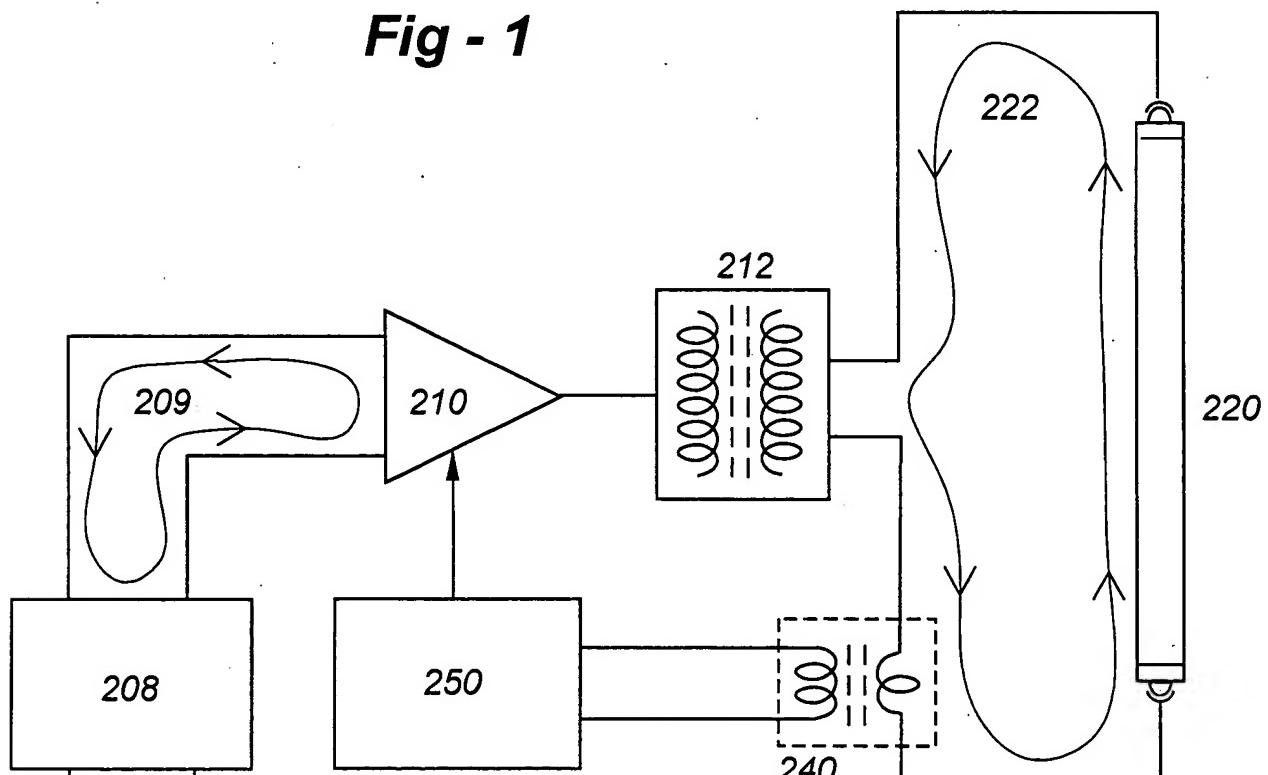
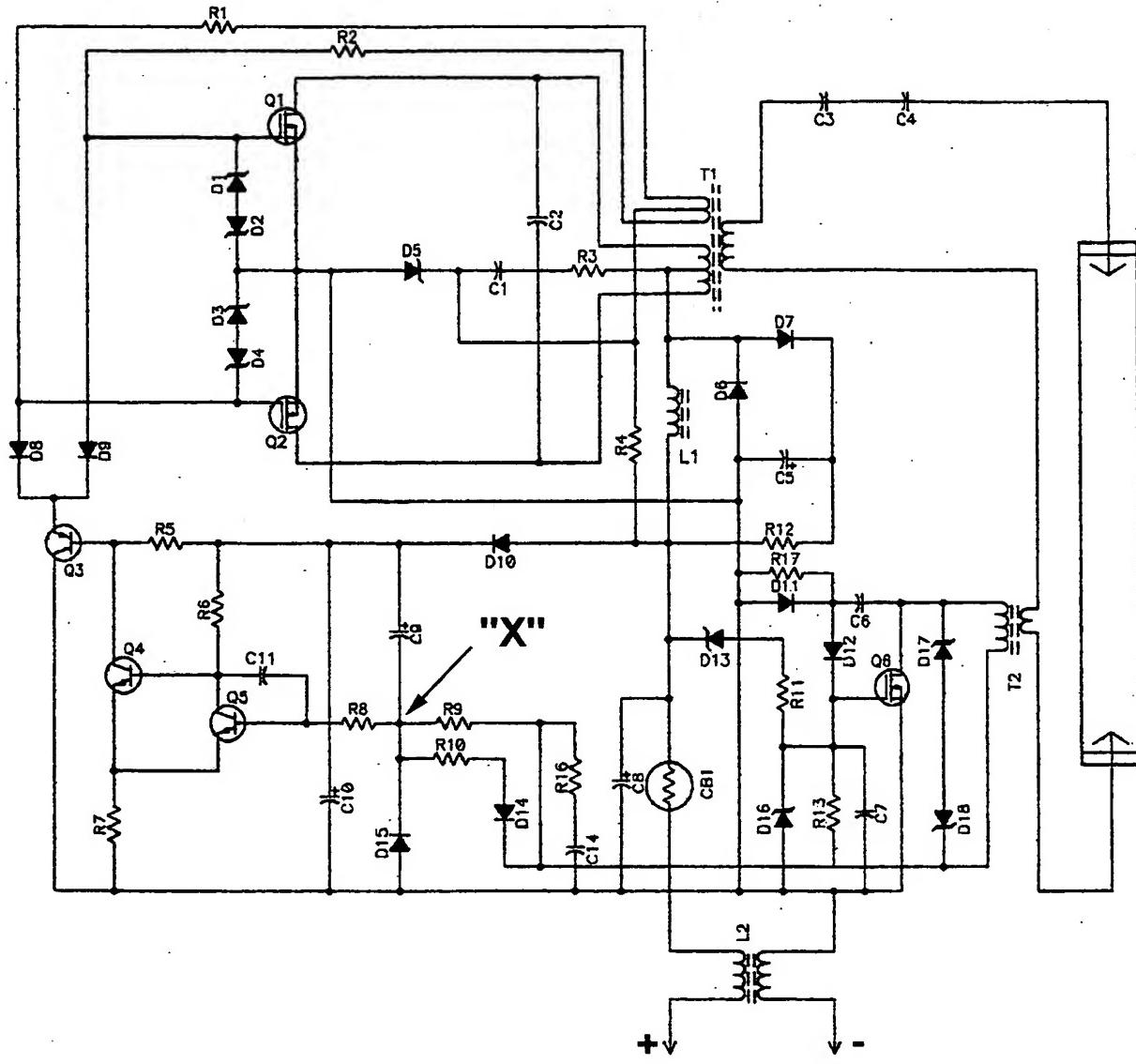


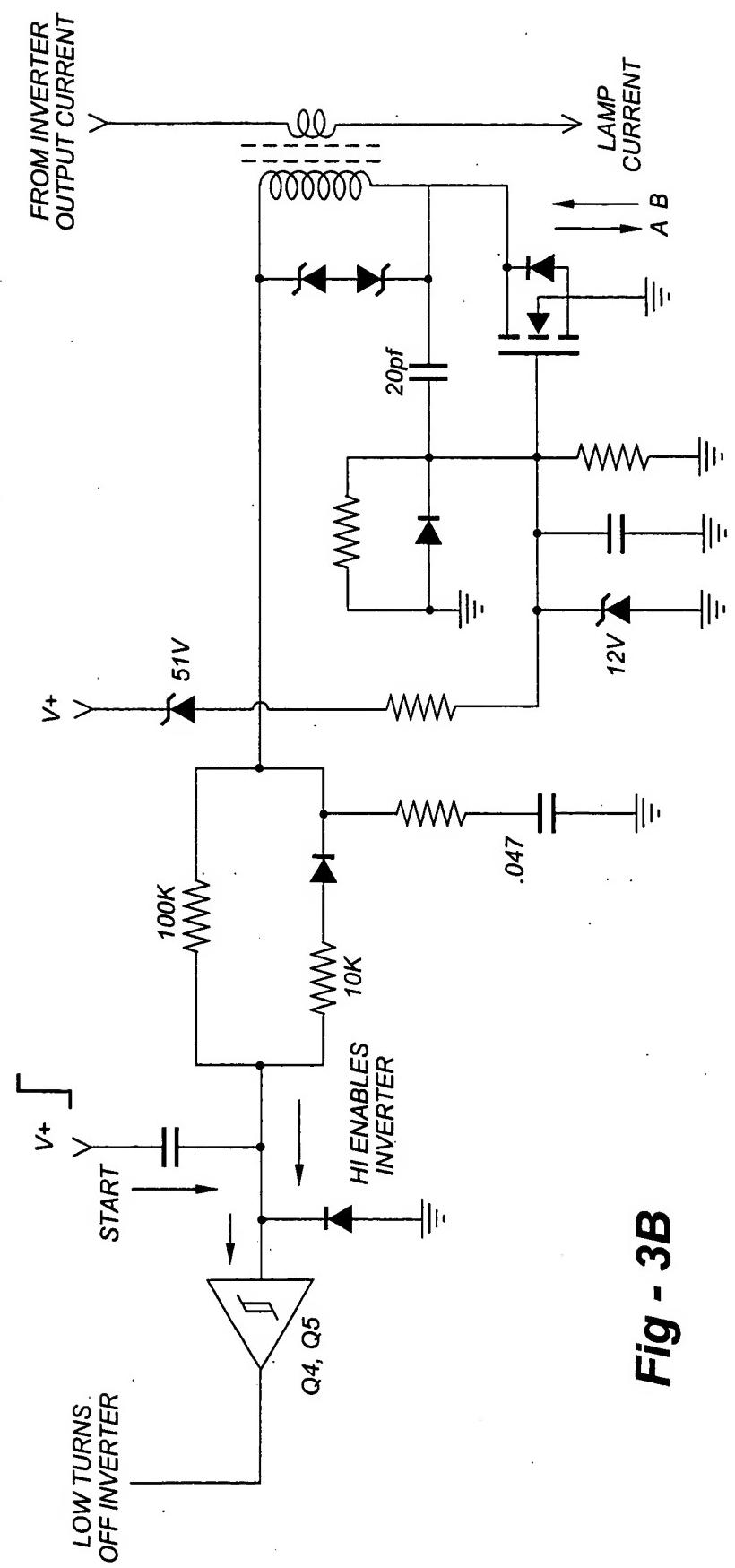
**Fig - 1**



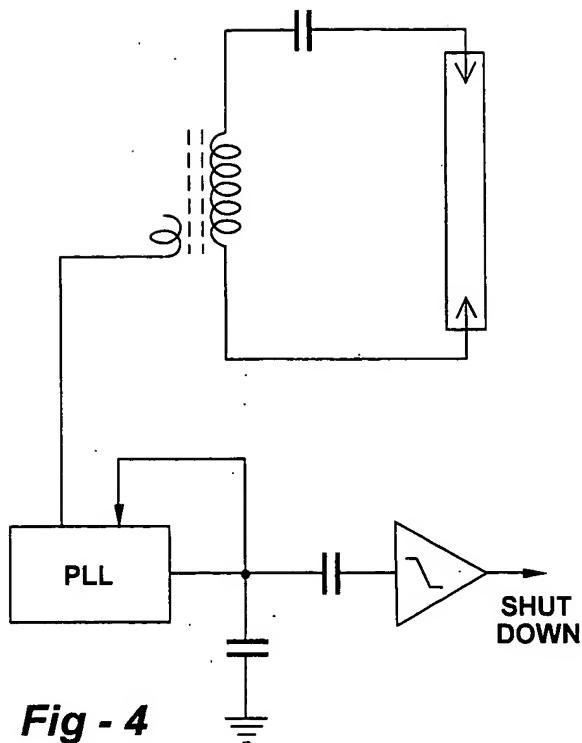
**Fig - 2**



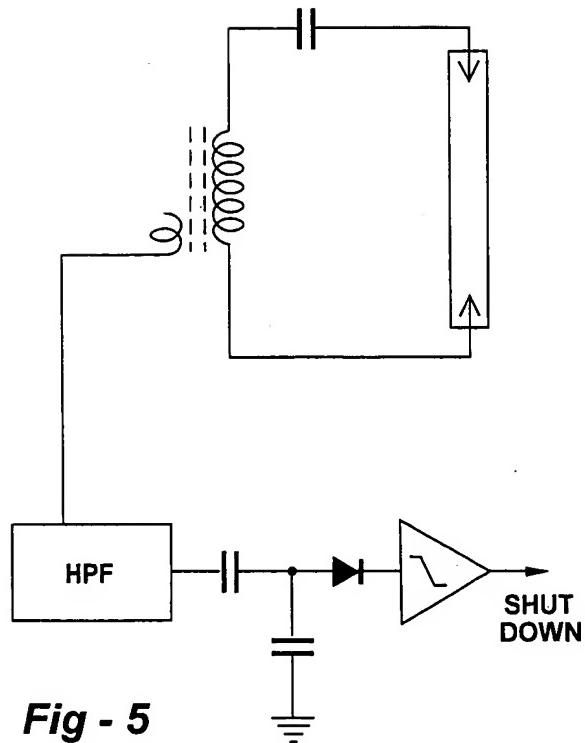
**Fig - 3A**



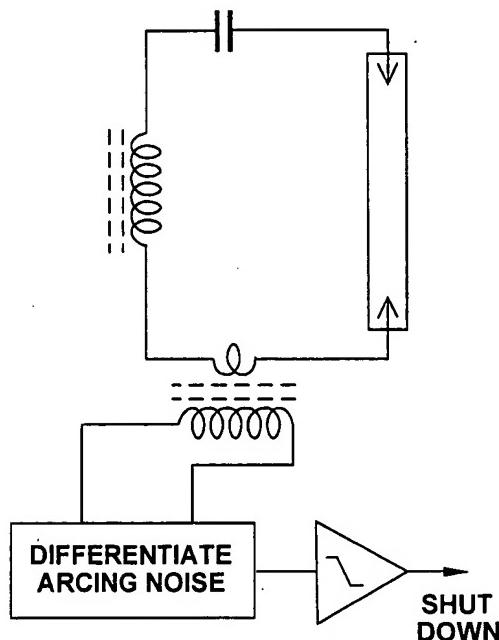
**Fig - 3B**



**Fig - 4**

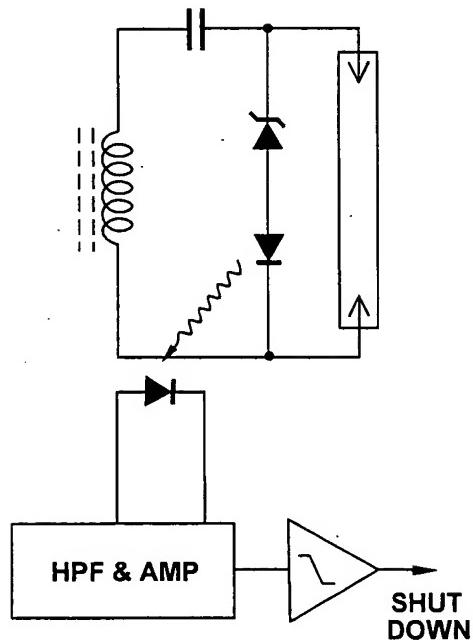


**Fig - 5**



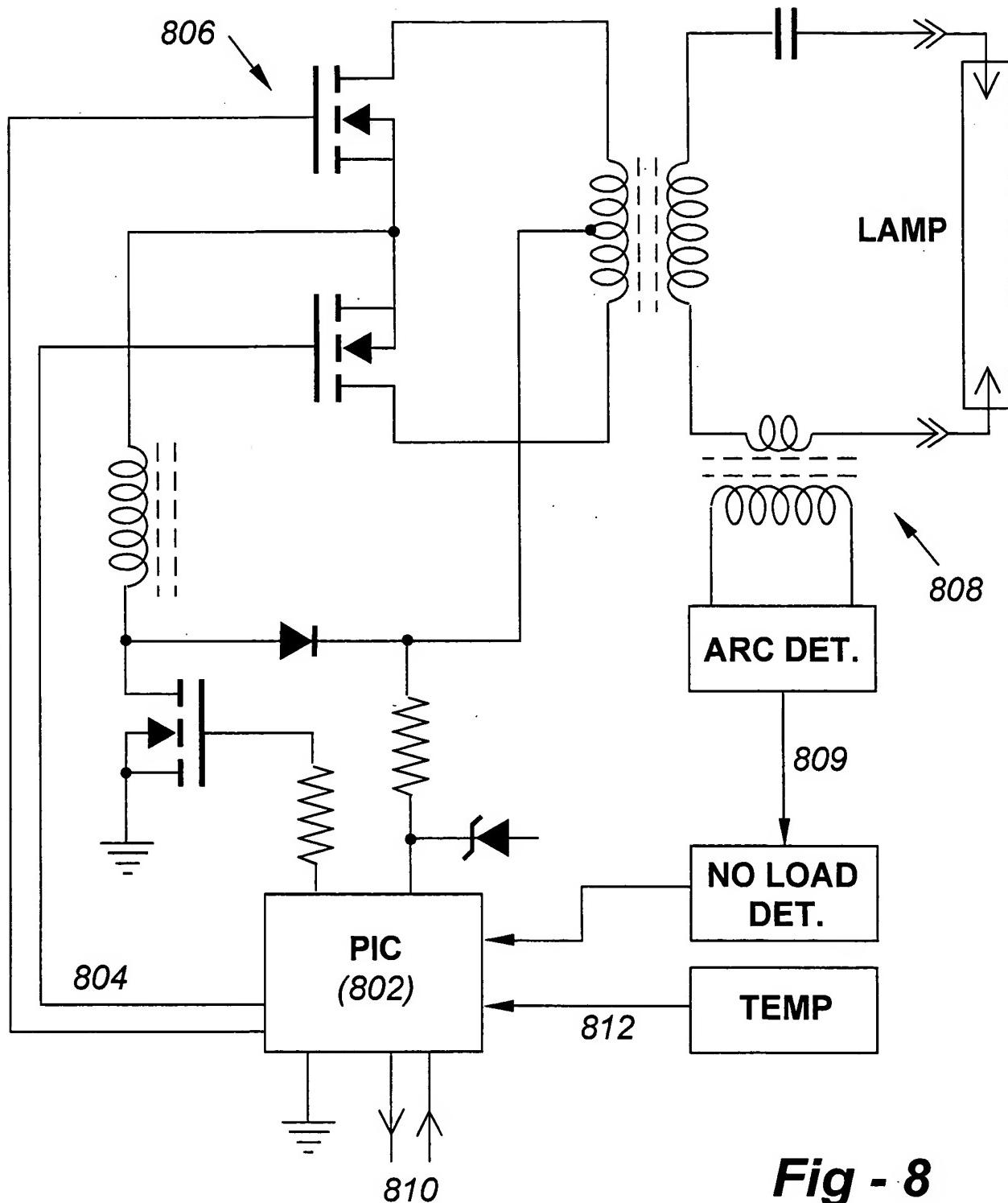
(Arcing creates high  $di/dt$  signals)

**Fig - 6**



(Optically isolated)

**Fig - 7**



**Fig - 8**